



# Health Information Exchange in Emergency Medical Services Summit 2017



**Moving Interoperability Forward by  
Engaging Emergency Medical Services**

**April 4 – 5, 2017  
Anaheim Sheraton Park Hotel**

HIE in EMS CA blog located at:  
<https://hieinemsinca.com/>

# ACKNOWLEDGEMENTS

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## Presenters

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**Howard Backer, MD**, California Emergency Medical Services Authority  
**Mark Branning**, San Diego Health Connect  
**Scott Christman**, Office of Statewide Health Planning and Development  
**Robert Cothren, PhD**, California Health Information Exchange  
**Frank Gresh**, Oklahoma Emergency Medical Services Authority  
**Leslie Lindsey**, Cerner Corporation  
**Clay Mann, PhD**, University of Utah  
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**Leslie Witten-Rood**, California Emergency Medical Services Authority  
**Jeremy Wong**, Audacious Inquiry, LLC  
**Nick Yphantides, MD**, County of San Diego Health and Human Services Agency

## A Special Thanks To:

**College of Continuing Education at California State University, Sacramento**  
**Health Information Exchange Advisory Committee**

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# WELCOME!

STATE OF CALIFORNIA – HEALTH AND HUMAN SERVICES AGENCY

EDMUND G. BROWN JR., Governor

## EMERGENCY MEDICAL SERVICES AUTHORITY

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April 4, 2017

On behalf of the California Emergency Medical Services Authority (EMSA), I welcome you to the 4<sup>th</sup> Health Information Exchange (HIE) in EMS Summit. This year's Summit will provide information on HIE activities related to Emergency Medical Services (EMS) not only in California but also in other parts of the U.S. Although we will feature updates from national, state, and local leaders in health information exchange, I encourage you to network with other participants, since each of you are all working at different levels in our system toward the same goal, and each of you have successes and challenges to share.

Our speakers this year include Dr. Nick Yphantides, Chief Medical Officer with the County of San Diego Health and Human Services Agency, which has been in the forefront of health information and integration for years. In a keynote presentation, he will share his design and expertise for *Integrating EMS into the Broader Healthcare System*. You will also hear presentations or participate in break-out sessions on:

- HIE in EMS Use Cases
- Health Information Technology: Policy Update and Upcoming Initiatives
- NEMSIS 3.4
- Connecting HIEs to HIOs
- Improving Transparency and Access to Data Through the CHHS Open Data Portal
- California HIE Project Showcase
- Sustainability of Innovative HIE Projects

I thank each of you for attending and adding your expertise to this event. As organization leaders, it is your knowledge, expertise, and initiative that will advance EMS. We hope that these presentations and discussions will lead to a common vision and goals that can leverage your leadership to improve Emergency Medical Services. Health Information Exchange is one of the tools that will enhance the quality and safety of the health services provided by EMS and that will allow you to better manage your systems. It will also be a necessary component if we are to better integrate EMS into the broader health care system and expand our EMS practice through Community Paramedicine.

We are grateful for the support of our sponsors and vendors that make this educational event possible. Their participation is key, not only for supporting this Summit, but to the eventual success of our project, because they must support the technology and the application of information to EMS practice. I encourage you to spend time meeting and visiting with each vendor during our two-day session.

I hope your time here is enjoyable, informative, and rewarding.

A handwritten signature in black ink, appearing to read 'Howard Backer'.

Howard Backer, MD, MPH, FACEP  
Director  
California Emergency Medical Services Authority



# Health Information Exchange in Emergency Medical Services Summit 2017



Moving Interoperability Forward by Engaging Emergency Medical Services

## AGENDA: SUMMIT DAY ONE

Tuesday, April 4, 2017

7:00 a.m. - 8:15 a.m.	<b>Registration and Continental Breakfast</b> . . . . . El Prado Foyer
8:30 a.m. - 9:00 a.m.	<b>General Session 1</b> . . . . . Plaza Ballroom—Park D Opening Ceremonies Welcome <i>Leslie Witten-Rood, Health Information Exchange Project Manager, California Emergency Medical Services Authority</i> Presentation of the Colors/Pledge of Allegiance by Anaheim Fire and Rescue
9:00 a.m. - 9:30 a.m.	<b>Keynote Address</b> Convergence of Data, Information, Quality, and Health Information Exchange in California <i>Dr. Howard Backer, MD, MPH, FACEP, Director, California Emergency Medical Services Authority</i>
9:30 a.m. - 10:00 a.m.	<b>Keynote Address</b> Integrating Emergency Medical Services Into the Broader Healthcare System <i>Dr. Nick Yphantides, MD, MPH, Chief Medical Officer, County of San Diego Health and Human Services Agency</i>
10:00 a.m. - 10:20 a.m.	<b>Networking Break / Exhibit Viewing</b> . . . . . Plaza Ballroom—Park D
10:20 a.m. - 11:00 a.m.	<b>General Session 2</b> . . . . . Plaza Ballroom—Park D Health Information Technology Policy Update on Policy Activities Underway and Upcoming Information Technology Policy Initiatives <i>Elise Sweeney-Anthony, JD, Policy Director, Office of the National Coordinator for Health Information Technology</i>

# AGENDA: SUMMIT DAY ONE

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## Tuesday, April 4, 2017 (cont.)

- 11:00 a.m. - 12:15 p.m.    **General Session 3** ..... Plaza Ballroom—Park D  
Value Proposition for Implementing Health Information  
Exchange for Emergency Medical Services  
*Moderator: Rachel Abbey, Public Health Analyst,  
Office of the National Coordinator for Health Information Technology*  
**NEMSIS 3.4**  
*Noah Smith, Emergency Medical Services Technology Specialist,  
National Highway Traffic Safety Administration*  
Oklahoma's Health Information Exchange in  
Emergency Medical Services Project  
*Frank Gresh, Chief Information Officer,  
Oklahoma Emergency Medical Services Authority*  
Connecting Health Information Exchange with  
Health Information Organizations  
*Robert Cothren, PhD, Executive Director,  
California Association of Health Information Exchange*
- 12:30 p.m. - 1:30 p.m.    **Networking Lunch** ..... Tiffany Terrace Patio
- 1:30 p.m. - 2:30 p.m.    **Afternoon Breakout Session 1**  
**Track I: An Introduction to Health Information  
Exchange in Emergency Medical Services** ..... Plaza Ballroom—Park D  
Session 1: Health Information Exchange in Emergency  
Medical Services: Why Focus on the Elements of  
Adoption and Exchange  
*Presenters:*  
*Dan Smiley, Chief Deputy Director,  
California Emergency Medical Services Authority*  
*Jeremy Wong, Senior Manager, Health Information Systems,  
Audacious Inquiry, LLC*  
**Track II: Advanced Technical Health Information Exchange** ... Palm Ballroom  
Session 1: A Deep Dive in Health Information Exchange in  
Emergency Medical Services Interoperability  
*Moderator: Tom McGinnis, Chief,  
Emergency Medical Services Systems Division,  
California Emergency Medical Services Authority*  
*Presenters:*  
*Clay Mann, PhD, MS, Professor, Department of Pediatrics,  
University of Utah*  
*Noah Smith, Emergency Medical Services Specialist,  
National Highway Traffic Safety Administration*
- 2:30 p.m. - 3:00 p.m.    **Exhibit Viewing/Refreshment Break** ..... Plaza Ballroom—Park D



# AGENDA: SUMMIT DAY ONE

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Tuesday, April 4, 2017 (cont.)

- 3:00 p.m. - 4:00 p.m.    **Afternoon Breakout Session 2**
- Track I: An Introduction to Health Information Exchange in Emergency Medical Services . . . . . Plaza Ballroom—Park D**
- Session 2: Designing Our Emergency Medical Services System with Health Information Exchange**
- Moderator: **Sean Trask**, Manager II, Emergency Medical Services Personnel Division, California Emergency Medical Services Authority
- Presenters:
- Mark Branning**, Management Consultant, San Diego Health Connect
- Ken Riomales**, Director, Health Information Exchange Operations, Orange County Partnership Regional Health Information Organization
- Laurent Repass**, Emergency Medical Services Information Systems Chief, Orange County Emergency Medical Services Agency
- Track II: Advanced Technical Health Information Exchange . . . Palm Ballroom**
- Session 2: The Full Picture of Healthcare Interoperability**
- Moderator: **Leslie Witten-Rood**, Health Information Exchange Project Manager, California Emergency Medical Services Authority
- Presenters:
- Leslie Lindsey**, Solutions Leader, Emergency Medicine Strategic Business Unit, Cerner Corporation
- Rachel Abbey**, Public Health Analyst, Office of the National Coordinator for Health Information Technology
- 4:00 p.m. - 4:15 p.m.    **Break . . . . . Plaza Ballroom—Park D**
- 4:15 p.m. - 5:00 p.m.    **General Session 4 . . . . . Plaza Ballroom—Park D**
- End-of-Day Wrap Up/Evaluations/CEU Quiz**
- Dan Smiley**, Chief Deputy Director, California Emergency Medical Services Authority
- 6:00 p.m. - 7:00 p.m.    **Networking Reception (Optional) . . . . . Tiffany Terrace Patio**
- Join us on the Tiffany Terrace Patio for a Fiesta, provided by the Summit Sponsors.

# AGENDA: SUMMIT DAY TWO

Wednesday, April 5, 2017

7:30 a.m. - 8:30 a.m.	<b>Registration and Continental Breakfast</b> . . . . .	El Prado Foyer
8:30 a.m. - 9:00 a.m.	<b>Welcome</b> . . . . .	Plaza Ballroom—Park D
	<i>Leslie Witten-Rood, Health Information Exchange Project Manager, California Emergency Medical Services Authority</i>	
	Improving Transparency and Access to Data through the California Health and Human Services Open Data Portal	
	<i>Scott Christman, Deputy Director and Chief Information Officer, Office of Statewide Health Planning and Development</i>	
9:00 a.m. - 10:30 a.m.	<b>California Health Information Exchange Project Showcase Demos</b> . . . . .	Plaza Ballroom—Park D
	<i>Moderator: Dan Smiley, Chief Deputy Director, California Emergency Medical Services Authority</i>	
	<b>+EMS San Diego County</b>	
	<i>Mark Branning, Health Management Consultant, San Diego Health Connect</i>	
	<b>+EMS Orange County</b>	
	<i>Ken Riomales, Director, Health Information Exchange Operations, Orange County Partnership Regional Health Information Organization</i>	
	<i>Laurent Repass, Emergency Medical Services Information Systems Chief, Orange County Emergency Medical Services Agency</i>	
	Patient Unified Lookup System for Emergencies (PULSE)	
	<i>Robert Cothren, Executive Director, California Health Information Exchange</i>	
	<i>Jeremy Wong, Senior Manager, Health Information Systems, Audacious Inquiry, LLC</i>	
10:30 a.m. - 11:00 a.m.	<b>Break/Exhibit Viewing/Hotel Checkout.</b> . . . . .	Plaza Ballroom—Park D
11:00 a.m. - 11:30 a.m.	<b>Advancing Interoperability by Connecting Systems Nationwide and Making Health Data Available No Matter Where Care Occurs</b> . . . . .	Plaza Ballroom—Park D
	<i>Leslie Lindsey, Solutions Leader, Emergency Medicine Strategic Business Unit, Cerner Corporation</i>	
11:30 a.m. - 12:00 p.m.	<b>Turning Data into Actionable Knowledge that Enables Quality Patient Care and Process Improvements</b> . . . . .	Plaza Ballroom—Park D
	<i>Clay Mann, PhD, MS, Professor, Department of Pediatrics, University of Utah</i>	
	Consumable Data Elements	
	NEMSIS Data	

# AGENDA: SUMMIT DAY TWO

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## Wednesday, April 5, 2017 (cont.)

12:00 p.m. - 1:00 p.m.	<b>Networking Lunch</b> . . . . .	Tiffany Terrace Patio
1:00 p.m. - 2:00 p.m.	<b>Fireside Chat</b> . . . . .	Plaza Ballroom—Park D
	How Do I Sustain My Innovative Health Information Exchange Projects: “Show Me the Funding”	
	<i>Moderator: <b>Dan Smiley</b>, Chief Deputy Director, California Emergency Medical Services Authority</i>	
	<i>Panelists:</i>	
	<i><b>Tom Novak</b>, Director of Delivery System Reform, Office of Provider Adoption and Support, Centers for Medicare and Medicaid Services</i>	
	<i><b>Linette Scott, MD, MPH</b>, Chief Medical Information Officer and Deputy Director, Information Management Division California Department of Health Care Services</i>	
2:00 p.m. - 2:30 p.m.	<b>Wrap Up</b> . . . . .	Plaza Ballroom—Park D
	<i><b>Dan Smiley</b>, Chief Deputy Director, California Emergency Medical Services Authority</i>	
2:30 p.m. - 3:00 p.m.	<b>Adjourn/Pick Up CEU Certificates</b> . . . . .	Ballroom Foyer



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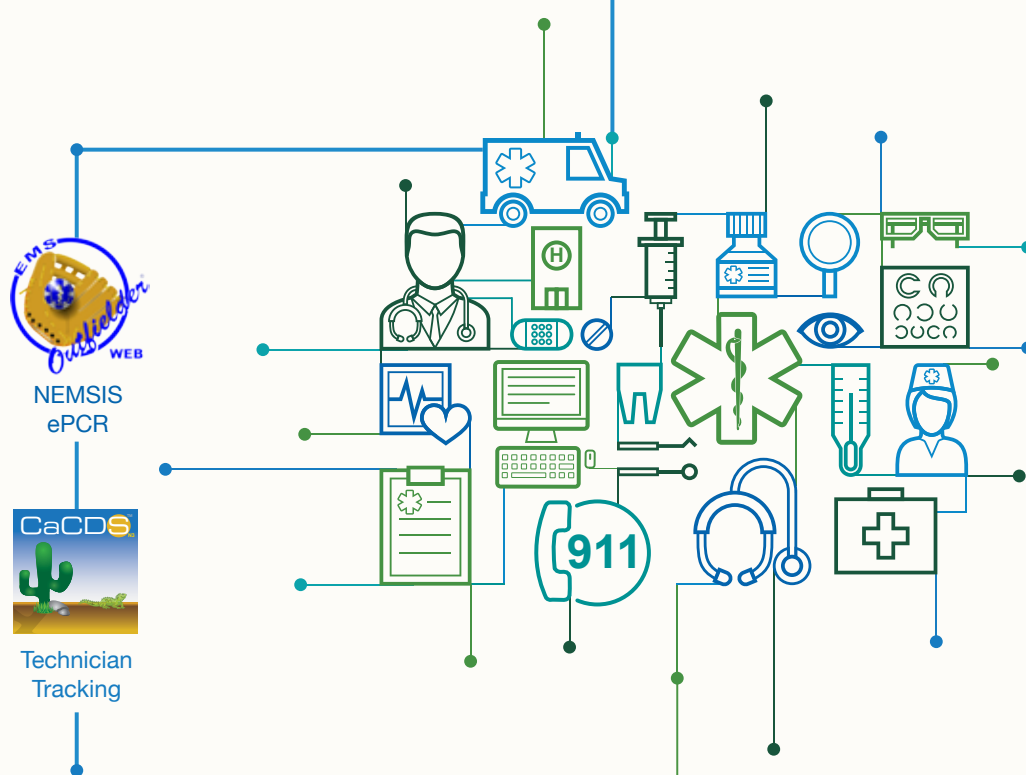
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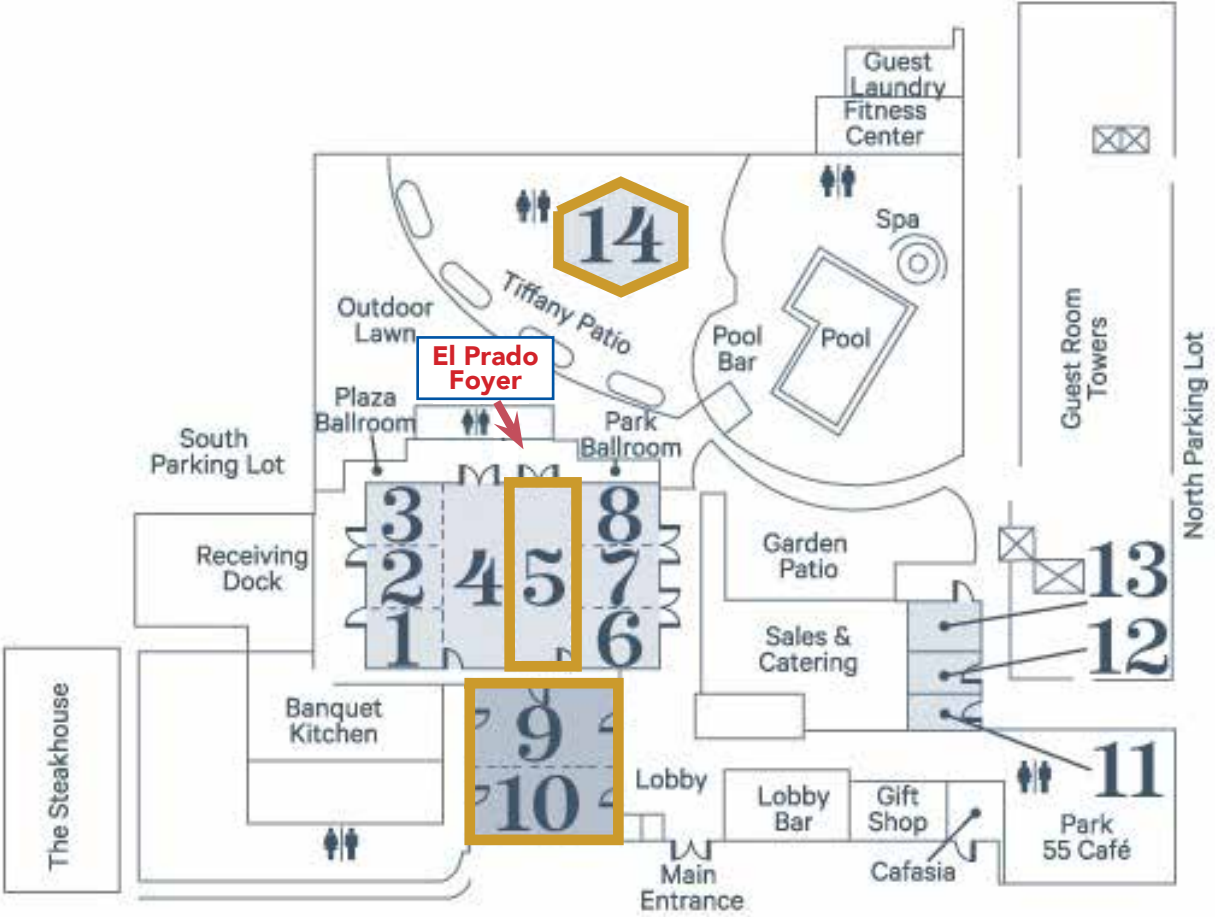


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# FACILITY MAP



## FUNCTION SPACE

1 Plaza A	4 Plaza D	7 Park B	10 Palm East	13 Garden A
2 Plaza B	5 Park D	8 Park C	11 Garden C	14 Tiffany
3 Plaza C	6 Park A	9 Palm West	12 Garden B	Terrace